

AMENDMENTS TO THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

Claims 1-21 are cancelled.

22. (Currently Amended) A method of transferring a packet switched call carried over a first network to a circuit switched call carried over a second network, the packet switched call being between a mobile station and an end point, comprising:

establishing, at a packet call controller, a bearer path between the end point and the second network when a call transfer request associated with the mobile station is received from the second network, the establishing step further including sending a call control request to the end point requesting agreement to transition the packet call controller from a call control agent for a first call control path from the first network to the end point to a call control agent for a second call control path from the second network to the end point.

23. (Previously Presented) The method of claim 22, wherein the call transfer request is a call request including an identifier provided by the mobile station that identifies the call request as a call transfer request.

24. (Previously Presented) The method of claim 23, wherein the identifier is a public identifier provided for use by mobile stations to request call transfer of an ongoing packet switched call.

25. (Previously Presented) The method of claim 23, wherein the identifier is a unique identifier associated with the mobile station for use in requesting call transfer of an ongoing packet switched call.

26. (Previously Presented) The method of claim 25, wherein the unique identifier is a public telecommunication number assigned to the mobile station for use in the second network.

27. (Currently Amended) The method of claim 23, wherein the call transfer request is a SIP INVITE request.

28. (Cancelled)

29. (Currently Amended) The method of claim ~~28~~ 22, wherein the establishing step further comprises:

setting up the bearer path at the packet call controller as the call control agent for the second call control path.

30. (Currently Amended) The method of claim 28 22, wherein the control request is a SIP re-INVITE request.

31. (Previously Presented) The method of claim 30, wherein the call transfer request is a SIP INVITE request.

32. (Previously Presented) The method of claim 22, wherein the establishing step comprises:

receiving a SIP INVITE request including a Request URI;

determining whether the SIP INVITE request requests transfer of the packet switched call on the first network to a circuit switched call on the second network based on the Request URI; and

setting up the bearer path between the end point and the second network when the determining step determines that the SIP INVITE request does request transfer.

33. (Previously Presented) The method of claim 32, wherein the determining step determines that the SIP INVITE request does request transfer when the Request URI is a public identifier provided for use by mobile stations to request call transfer of an ongoing packet switched call.

34. (Previously Presented) The method of claim 32, wherein the determining step determines that the SIP INVITE request does request transfer when the Request URI is a unique identifier associated with the mobile station for use in requesting call transfer of an ongoing packet switched call.

35. (Previously Presented) The method of claim 32, wherein the establishing step further comprises:

sending a SIP re-INVITE request to the end point requesting agreement to transition the packet call controller from a call control agent for a first call control path from the first network to the end point to a call control agent for a second call control path from the second network to the end point; and wherein

the setting up step is performed by the packet call controller as the call control agent for the second call control path.

36. (Previously Presented) The method of claim 32, further comprising:
serving as a proxy for the packet switched call prior to the receiving step;
accumulating information regarding the packet switched call while serving as the proxy; and wherein

the determining step determines that the SIP INVITE request does request transfer based on at least the accumulated information and the Request URI.

37. (Currently Amended) A method of transferring a packet switched call carried over a first network to a circuit switched call carried over a second network, comprising:

sending, from a circuit switching controller of the second network, a call transfer request associated with a mobile station involved in the packet switched call when a call origination request for a circuit switched call on the second network is received; and

sending a call control request to an end point requesting agreement to transition a call control agent for a first call control path from the first network to the end point to a call control agent for a second call control path from the second network to the end point.

38. (Previously Presented) The method of claim 37, wherein the call transfer request is a call request including an identifier identifying the call request as a call transfer request.

39. (Previously Presented) The method of claim 38, wherein the identifier is a public identifier provided for use by mobile stations to request call transfer of an ongoing packet switched call.

40. (Previously Presented) The method of claim 38, wherein the identifier is a unique identifier associated with the mobile station for use in requesting call transfer of an ongoing packet switched call.

41. (Previously Presented) The method of claim 40, wherein the unique identifier is a public telecommunication number assigned to the mobile station for use in the second network.

42. (Currently Amended) The method of claim 38, wherein the call transfer request is a SIP INVITE request.

43. (New) The method of claim 38, wherein the control request is a SIP re-INVITE request.

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END OF CLAIM LISTING

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